Patent claims

1.    Data communications system (1) with a number of clients
(12a, 12b, 12c, 13a, 13b),
c h a r a c t e r i z e d   i n   t h a t ,
5   -  a telephone and/or video conference data processing device
      (20a) supporting a first data transmission protocol is
      provided,
    -  a data processing device (21) which supports both the first
       and also a second data transmission protocol is provided,
10      which converts the received data and forwards it to the
        telephone and/or video conferencing device (20a) in such a
        way that this data can be used by clients (12a, 12b, 12c,
        13a, 13b) supporting both the first and also the second data
        transmission protocol.

15  2. Data communications system (1) in accordance with Claim 1,
c h a r a c t e r i z e d   i n   t h a t ,
the telephone and/or video conference data processing device
(20a) and the data processing device (21) are arranged in a
computer, especially a server (15a).

20  3.    Data communications system (1) in accordance with Claim
2,
c h a r a c t e r i z e d   i n   t h a t  the computer (15a) is a PBX
computer.

4. Data communications system (1) in accordance with one of
25  the previous claims,
c h a r a c t e r i z e d   i n   t h a t ,
the second data transmission protocol is an open, standardized
protocol.

5.     Data communications system (1) in accordance with Claim
4,

characterized in that,

the second data transmission protocol is an H.323 or

5   H.225/H.245-based protocol or an SIP-based protocol.

6.     Data communications system (1) in accordance with one of
the previous claims,

characterized in that,

the first data transmission protocol is a proprietary or

10   generic protocol.

7.     Data communications system (1) in accordance with one of
the previous claims,

characterized in that,

the first data transmission protocol is a PCM- or TDM-based

15   protocol.

8.     Data communications system (1) in accordance with one of
the previous claims,

characterized in that,

the first and/or the second data transmission protocol is a

20   TCP/IP-based data transmission protocol.

9.     Data communications system (1) in accordance with one of
the previous claims,

characterized in that,

clients (12a, 12b, 12c, 13a, 13b) supporting the first data

25   transmission protocol and clients (12a, 12b, 12c, 13a, 13b)
supporting the second data transmission protocol can jointly
hold a telephone and/or video conference with each other
simultaneously by using the telephone and/or video conference
data processing device (20a).

30   10.  Data communications system (1) in accordance with one of
the previous claims,

characterized in that,

one or more of the clients (12a, 12b, 12c, 13a, 13b) are
connected to an Intranet data network (B).

11.   Data communications system (1) in accordance with Claim
10,
characterized in that,
one or more of the clients (12a, 12b, 12c, 13a, 13b) are
arranged outside the Intranet data network (B), in particular
are connected to another Intranet data network (A, C).

12.   Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
the telephone and/or video conference data processing unit
(20a) is connected to the Intranet data network (B).

13.   Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
a further telephone and/or video conference data processing
device (20b) supporting the first data transmission protocol
is provided which can be used instead of the telephone and/or
video conference data processing device (20a).

14.   Data communications system (1) in accordance with Claim
13,
characterized in that,
the further telephone and/or video conference data processing
device (20b) is connected to the Intranet data network (B), or
that the further telephone and/or video conference data
processing device (20b) is arranged outside the Intranet data
network (B) in particular is connected to the further data
network (A, C).

15.   Data communications system (1) in accordance with one of

the previous claims,

characterized in that,

an additional telephone and/or video conference data

processing device (8, 18a), supporting the second data

5    transmission protocol is provided, which can be used instead

of the telephone and/or video conference data processing

device (20a).

16.  Data communications system (1) in accordance with Claim

15,

10   characterized in that,

the additional telephone and/or video conference data

processing device (18a) is connected to the Intranet data

network (B), or that the additional telephone and/or video

conference data processing device (18a) is arranged outside

15   the Intranet data network (B), in particular is connected to

the further Intranet data network (A, C).

17. Computer (15a), which is set up and embodied such that it

can be used as a computer (5, 15a, 25) in a data

communications system (1) in accordance with one of the Claims

20   2 to 19,

-    which features a telephone and/or video conference data

     processing device (20a) supporting a first data

     transmission protocol, and

-    which features a data processing device (21) supporting

25        both the first, and also a second data transmission

     protocol, which converts the received data and forwards it

     to the telephone and/or video conference data processing

     device (20a) such that this data can be used by clients

     (12a, 12b, 12c, 13a, 13b) supporting both the first and

30        also the second data transmission protocol.

18.  Data communication method for use in a data

communications system (1), especially a system in accordance

with

 one of the Claims 1 to 19, with a number of clients (12a,
12b, 12c, 13a, 13b),

c h a r a c t e r i z e d   i n   t h a t ,

5   a telephone and/or video conference data processing device
(20a) supporting a first data transmission protocol is
provided, and

that a data processing device (21) supporting both the first,
and also a second data transmission protocol is provided,

10   where the method features the steps:

-   Conversion of received data by the data processing device
    (21), and

-   Forwarding of the data to the telephone and/or video
    conference data processing device (20a) such that this can

15   be used by clients (12a, 12b, 12c, 13a, 13b) supporting
    both the first and also the second data transmission
    protocol.